

FILEID**DLE

J 1

DDDDDDDDDD LL EEEEEEEEEE
DDDDDDDDDD LL EEEEEEEEEE
DD DD LL EE
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DDDDDDDDDD LLLLLLLLLL EEEEEEEEEE
DDDDDDDDDD LLLLLLLLLL EEEEEEEEEE

LL IIIIII SSSSSSSS
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LL IIIIII SSSSSS SS
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LL IIIIII SSSSSS SS
LL IIIIII SSSSSS SS
LL IIIIII SSSSSSSS
LL IIIIII SSSSSSSS

DOC
VO4
;
;
;

```
1 0001 0 MODULE DLE ( !  
2 0002 0 IDENT = 'V04-000'  
3 P 0003 0 %BLISS32[,  
4 P 0004 0 ADDRESSING_MODE(INTERNAL=LONG_RELATIVE,NONEXTERNAL=LONG_RELATIVE)  
5 0005 0 ]  
6 0006 0 ) =  
7 0007 1 BEGIN  
8 0008 1  
9 0009 1 *****  
10 0010 1 *  
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28 0028 1 *  
29 0029 1 *  
30 0030 1 *****  
31 0031 1  
32 0032 1 ++  
33 0033 1 FACILITY: DSR (Digital Standard RUNOFF) / DSRPLUS  
34 0034 1  
35 0035 1 ABSTRACT: Processes the .DISPLAY ELEMENTS command.  
36 0036 1  
37 0037 1  
38 0038 1 ENVIRONMENT: Transportable  
39 0039 1  
40 0040 1 AUTHOR: R.W.Friday CREATION DATE: May, 1979  
41 0041 1
```

Revision History

L 1
16-Sep-1984 00:11:44 VAX-11 Bliss-32 V4.0-742
14-Sep-1984 13:05:57 DISK\$VMSMASTER:[RUNOFF.SRC]DLE.BLI;1 Page 2
(2)

43 0042 1 %SBTTL 'Revision History'
44 0043 1
45 0044 1 MODIFIED BY:
46 0045 1
47 0046 1 002 KFA00002 Ken Alden 07-Mar-1983
48 0047 1 Global edit of all modules. Updated module names, idents,
49 0048 1 copyright dates. Changed require files to BLISS library.
50 0049 1
51 0050 1 --

```
53 0051 1 %SBTTL 'Module Level Declarations'  
54 0052 1  
55 0053 1 TABLE OF CONTENTS:  
56 0054 1  
57 0055 1  
58 0056 1  
59 0057 1 INCLUDE FILES:  
60 0058 1  
61 0059 1  
62 0060 1 LIBRARY 'NXPORT:XPORT'; ! XPORT Library  
63 0061 1 REQUIRE 'REQ:RNODEF'; ! RUNOFF variant definitions  
64 0192 1  
65 U 0193 1 %IF DSRPLUS %THEN  
66 U 0194 1 LIBRARY 'REQ:DPLLIB'; ! DSRPLUS BLISS Library  
67 0195 1 %ELSE  
68 0196 1 LIBRARY 'REQ:DSRLIB'; ! DSR BLISS Library  
69 0197 1 %FI  
70 0198 1  
71 0199 1  
72 0200 1 MACROS:  
73 0201 1  
74 0202 1  
75 0203 1  
76 0204 1 EQUATED SYMBOLS:  
77 0205 1  
78 0206 1  
79 0207 1  
80 0208 1 OWN STORAGE:  
81 0209 1  
82 0210 1  
83 0211 1  
84 0212 1 EXTERNAL REFERENCES:  
85 0213 1  
86 0214 1 EXTERNAL  
87 0215 1 LS1CHR : REF VECTOR,  
88 0216 1 LSTCNT : REF COUNTED_LIST,  
89 0217 1 LSTLCH : REF VECTOR,  
90 0218 1 LSTRCH : REF VECTOR,  
91 0219 1 LSTLDD : REF VECTOR,  
92 0220 1 FS01 : FIXED STRING,  
93 0221 1 IRA : FIXED_STRING;  
94 0222 1  
95 0223 1 EXTERNAL ROUTINE  
96 0224 1 GETDD,  
97 0225 1 GETQC,  
98 0226 1 GETQS,  
99 0227 1 RSKIP$,  
100 0228 1 SKPSEP;
```

```
102 0229 1 GLOBAL ROUTINE DLE (HANDLER) : NOVALUE =      !
103 0230 1
104 0231 1 ++
105 0232 1 FUNCTIONAL DESCRIPTION:
106 0233 1
107 0234 1 See the ABSTRACT for a general description.
108 0235 1
109 0236 1 FORMAL PARAMETERS:
110 0237 1
111 0238 1 HANDLER is a dummy parameter passed for conformance only.
112 0239 1
113 0240 1 IMPLICIT INPUTS:
114 0241 1
115 0242 1
116 0243 1 IMPLICIT OUTPUTS:      None
117 0244 1
118 0245 1 ROUTINE VALUE:
119 0246 1 COMPLETION CODES:      None
120 0247 1
121 0248 1 SIDE EFFECTS: None
122 0249 1
123 0250 1 --
124 0251 1
125 0252 2 BEGIN
126 0253 2 LOCAL
127 0254 2   DISPLAY_CODE,
128 0255 2   GETDD_RESULT,
129 0256 2   GETQC_RESULT;
130 0257 2
131 0258 2 !Turn off bulleting (if any) so that this command takes precedence.
132 0259 2 LSTCHR [.LSTCNT [CL_INDEX] - 1] = 0;
133 0260 2
134 0261 2 !Skip spaces and tabs before the first display descriptor.
135 0262 2 RSKIPS (IRA);
136 0263 2
137 0264 2 !Attempt to get a character enclosed in quotes
138 0265 2 GETQC_RESULT = GETQC ();
139 0266 2
140 0267 2 !Quit if an error occurred.
141 0268 2 IF .GETQC_RESULT EQ -2
142 0269 2 THEN
143 0270 2   RETURN;
144 0271 2
145 0272 2 !If anything quoted was specified, save it
146 0273 2 IF .GETQC_RESULT NEQ -1
147 0274 2 THEN
148 0275 2   LSTLCH [.LSTCNT [CL_INDEX] - 1] = .GETQC_RESULT;
149 0276 2
150 0277 2 !Now attempt to get a display descriptor.
151 0278 2 !First skip a separator
152 0279 2 SKPSEP (IRA);
153 0280 2 !Now get a descriptor and save it.
154 0281 2 CASE GETDD(DISPLAY_CODE) FROM -1 TO +1 OF
155 0282 2   SET
156 0283 2
157 0284 2 [-1]:
158 0285 2   !Quit if command was in error.
```

```

: 159      0286 2          RETURN;
: 160      0287 2
: 161      0288 2
: 162      0289 2          [0]:
: 163      0290 2          !Do nothing if nothing supplied
: 164      0291 2          0;
: 165      0292 2          [+1]:
: 166      0293 2          !Save descriptor
: 167      0294 2          LSTLDD [.LSTCNT [CL_INDEX] - 1] = .DISPLAY_CODE;
: 168      0295 2
: 169      0296 2          TES;
: 170      0297 2
: 171      0298 2          !Skip parameter separator, to try and get the next quoted character.
: 172      0299 2          SKPSEP (IRA);
: 173      0300 2
: 174      0301 2          !Now try to get another character enclosed in quotes.
: 175      0302 2          GETQC_RESULT = GETQC ();
: 176      0303 2
: 177      0304 2          !Quit if an error, or nothing supplied
: 178      0305 3          IF (.GETQC_RESULT EQL -2)
: 179      0306 3          OR (.GETQC_RESULT EQL -1)
: 180      0307 2          THEN
: 181      0308 2          RETURN;
: 182      0309 2
: 183      0310 2          !User said something, so save it.
: 184      0311 2          LSTRCH [.LSTCNT [CL_INDEX] - 1] = .GETQC_RESULT;
: 185      0312 2
: 186      0313 1          END:           !End of DLE

```

```

.TITLE DLE
.IDENT \V04-000\

.EXTRN LSTCHR, LSTCNT, LSTLCH
.EXTRN LSTRCH, LSTLDD, FS01
.EXTRN IRA, GETDD, GETQC
.EXTRN GETQS, RSKIPS, SKPSEP

.PSECT $CODE$,NOWRT,2

      007C 00000
      56 00000000G  EF  9E 00002  ENTRY DLE, Save R2,R3,R4,R5,R6 0229
      55 00000000G  EF  9E 00009  MOVAB SKPSEP, R6
      54 00000000G  EF  9E 00010  MOVAB GETQC, R5
      53 00000000G  EF  9E 00017  MOVAB IRA, R4
      5E          04  C2 0001E  MOVAB LSTCNT, R3
      50          63  D0 00021  SUBL2 #4, SP
      50          04  A0 00024  MOVL LSTCNT, R0
      50 00000000GFF40  DE  00028  MOVL 4(R0), R0 0259
      FC          A0  D4 00030  MOVAL @LSTCHR[R0], R0
      54  DD 00033  CLRL -4(R0)
      00000000G  EF  01  FB 00035  PUSHL R4
      65          00  FB 0003C  CALLS #1, RSKIPS
      52          50  D0 0003F  CALLS #0, GETQC
      FFFFFFFE  8F  52  D1 00042  MOVL R0, GETQC RESULT 0262
      7C 13 00049  CMPL GETQC_RESULT, #-2
      FFFFFFFF  8F  52  D1 0004B  BEQL 5$ 0265
                                CMPL GETQC_RESULT, #-1 0268
                                CMPL GETQC_RESULT, #-1 0273

```

; Routine Size: 200 bytes, Routine Base: \$CODE\$ + 0000

: 187 0314 1 END !End of module
: 188 0315 0 ELUDOM

PROSPECT SUMMARY

Name	Bytes	Attributes
\$CODE\$	200	NOVEC,NOWRT, RD , EXE,NOSHR, LCL, REL, CON,NOPIC,ALIGN(2)

Library Statistics

----- Symbols ----- Pages Processing
 Total Loaded Percent Mapped Time

DLE
V04-000 Module Level Declarations 16-Sep-1984 00:11:44 VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[RUNOFF.SRC]DLE.BLI;1 Page 7
14-Sep-1984 13:05:57
: -\$255\$DUA28:[SYSLIB]XPORT.L32;1 590 0 0 252 00:00.1
: -\$255\$DUA28:[RUNOFF.SRC]DSRLIB.L32;1 1248 3 0 86 00:00.3

DOC
V04

COMMAND QUALIFIERS

: BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/LIS=LISS:DLE/OBJ=OBJ\$:DLE MSRC\$:DLE/UPDATE=(ENH\$:DLE)

```
Size: 200 code + 0 data bytes
Run Time: 00:04.0
Elapsed Time: 00:15.6
Lines/CPU Min: 4701
Lexemes/CPU-Min: 10119
Memory Used: 49 pages
Compilation Complete
```

0339 AH-BT13A-SE
VAX/VMS V4.0

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